

In the Claims

1. (Currently amended) A method for detection and correction of security vulnerabilities in a distributed computing environment, comprising:

analyzing by a plurality of agents a software solution to identify legal and illegal external interfaces thereto;

attempting to access said software solution using the identified illegal external interfaces;
and

storing a record of any illegal external interfaces that allow access to said software solution at a plurality of databases associated with said plurality of agents.

2. (Currently amended) The method of claim 1, wherein said software solution comprises at least two independent software programs interacting to form the said software solution.

3. (Currently amended) The method of claim 1, further comprising:

automatically deploying a corrective measure to said software solution based upon said identified illegal external interfaces.

4. (Original) The method of claim 3, further comprising:

storing each of said corrective measures in a memory.

5. (Original) The method of claim 4, further comprising:

making said stored record of illegal external interfaces that allow access, and said stored

record of corrective measures available to all users of said detection and correction method, on a global basis.

6. (Original) The method of claim 5, wherein said stored record of illegal external interfaces that allow access, and said stored record of corrective measures is made available on a global basis via a network connection.

7. (Original) The method of claim 1, wherein said analyzing step includes:
analyzing an XML description of each legal and illegal external interface; and
mapping each legal and illegal external interface into a machine-readable format.

8. (Currently amended) A system for detection and correction of security vulnerabilities in a distributed computing environment, comprising:

means for analyzing by a plurality of agents a software solution to identify legal and illegal external interfaces thereto;
means for attempting to access said software solution using the identified illegal external interfaces; and

means for storing a record of any illegal external interfaces that allow access to said software solution at a plurality of databases associated with said plurality of agents.

9. (Currently amended) The system of claim 8, wherein said software solution comprises at least two independent software programs interacting to form the said software solution.

10. (Currently amended) The system of claim 8, further comprising: means for automatically deploying a corrective measure to said software solution based upon said identified illegal external interfaces.

11. (Original) The system of claim 10, further comprising: means for storing each of said corrective measures in a memory.

12. (Currently amended) The system of claim 11, further comprising:
means for making said stored record of illegal external interfaces that allow access, and said stored record of corrective measures available to all users of said detection and correction system method, on a global basis.

13. (Original) The system of claim 12, wherein said stored record of illegal external interfaces that allow access, and said stored record of corrective measures is made available on a global basis via a network connection.

14. (Original) The system of claim 8, wherein said analyzing means includes:
means for analyzing an XML description of each legal and illegal external interface; and
means for mapping each legal and illegal external interface into a machine-readable format.

15. (Currently amended) A computer program product for detection and correction of security vulnerabilities in a distributed computing environment, the computer program product comprising a computer-readable storage medium having computer-readable program code embodied in the medium, the computer-readable program code comprising:
 - computer-readable program code that analyzes a software solution at a plurality of agents to identify legal and illegal external interfaces thereto;
 - computer-readable program code that attempts to access said software solution using the identified illegal external interfaces; and
 - computer-readable program code that stores a record of any illegal external interfaces that allow access to said software solution at a plurality of databases associated with said plurality of agents.
16. (Currently amended) The computer program product of claim 15, wherein said software solution comprises at least two independent software programs interacting to form the said software solution.
17. (Currently amended) The computer program product of claim 15, further comprising:
 - computer-readable program code that automatically deploys a corrective measure to said software solution based upon said identified illegal external interfaces.
18. (Original) The computer program product of claim 17, further comprising:

computer-readable program code that stores each of said corrective measures in a memory.

19. (Currently amended) The computer program product of claim 18, further comprising:
computer-readable program code that makes said stored record of illegal external interfaces that allow access, and said stored record of corrective measures available to all users of said detection and correction computer program product method, on a global basis.

20. (Original) The computer program product of claim 19, wherein said stored record of illegal external interfaces that allow access, and said stored record of corrective measures is made available on a global basis via a network connection.

21. (Original) The computer program product of claim 15, wherein said computer-readable program code for analyzing the software solution includes:

computer-readable program code that analyzes an XML description of each legal and illegal external interface; and

computer-readable program code that maps each legal and illegal external interface into a machine-readable format.